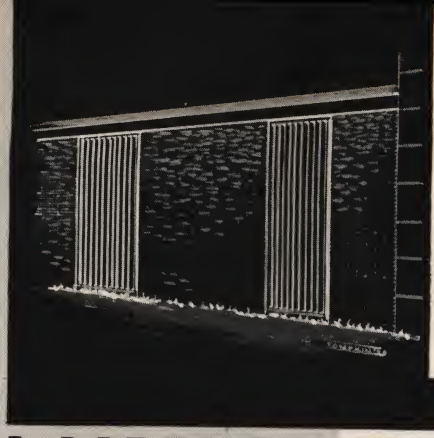

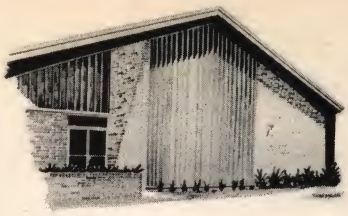

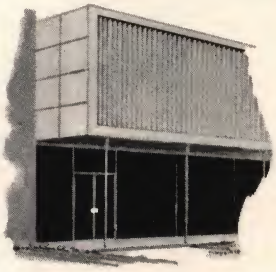

LUMISHADE

FIXED SUN LOUVERS

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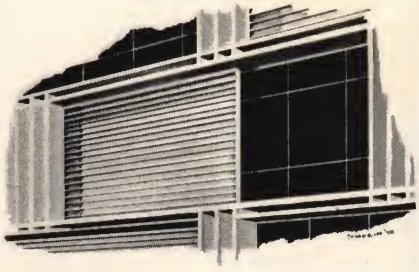

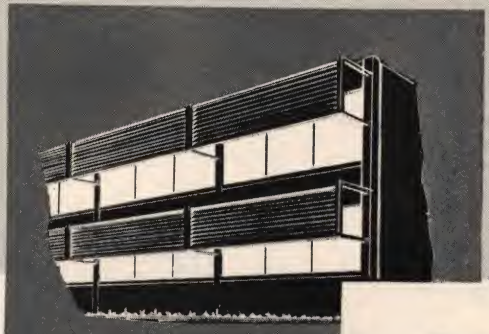

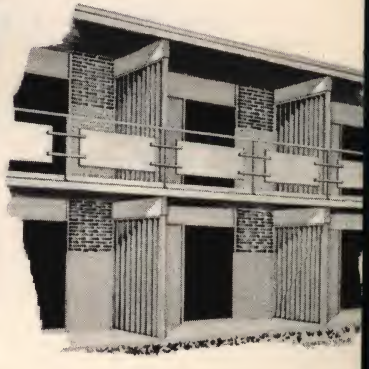

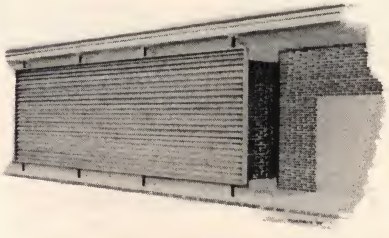

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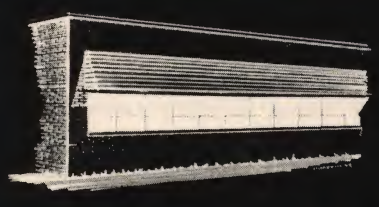
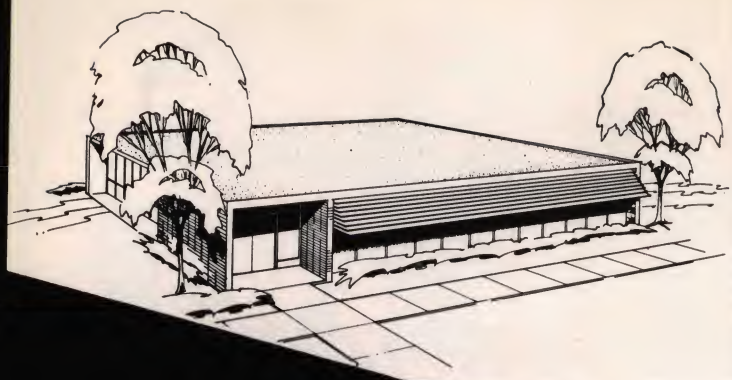
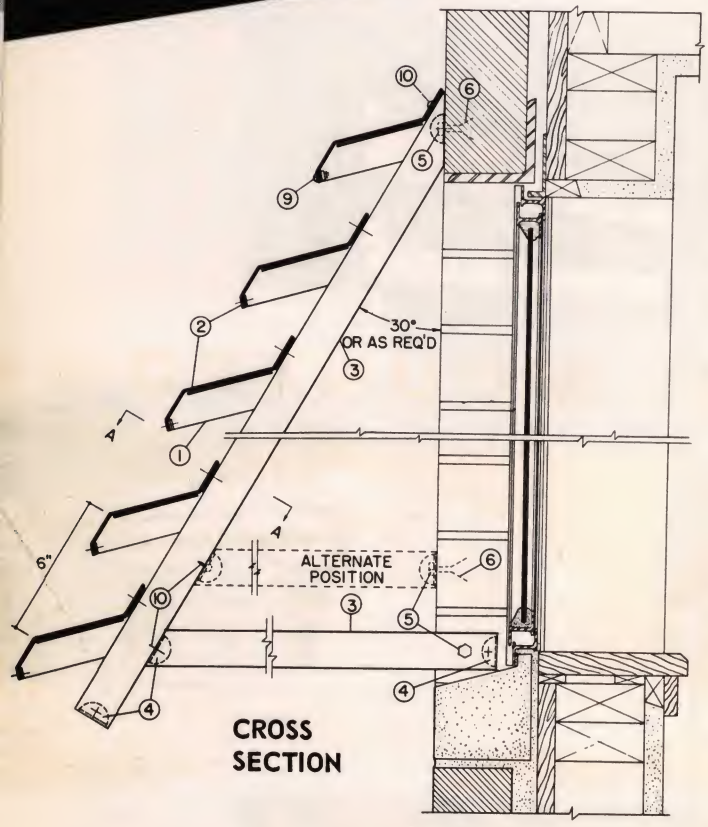


INDUSTRIES, Inc. Lincoln, Nebr.

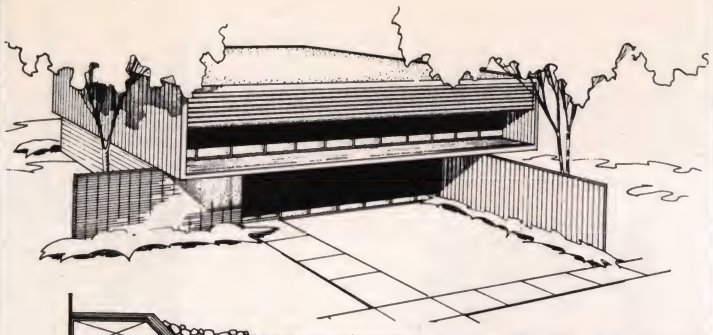


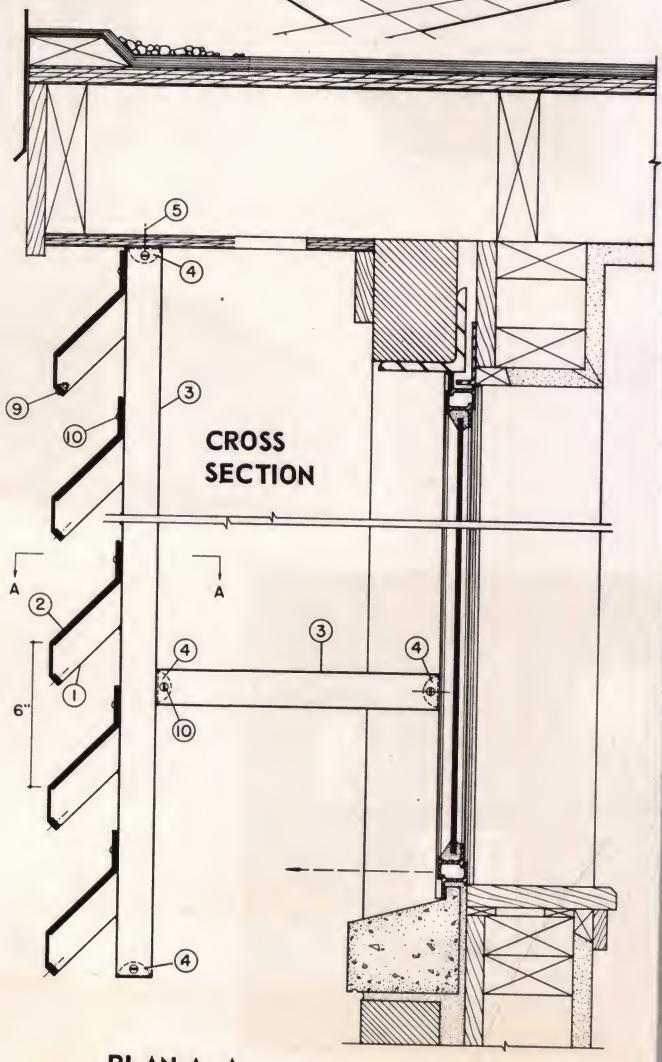
AS AWNINGS



CROSS SECTION

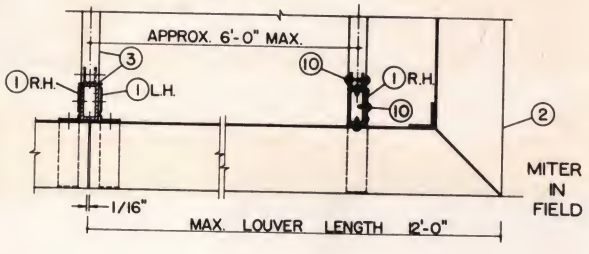
A SLANTED AWNING: An economical attractive use of these louvers either in continuous runs or as separate units over individual windows. Ideal for new or existing schools, hospitals, apartment buildings, etc.



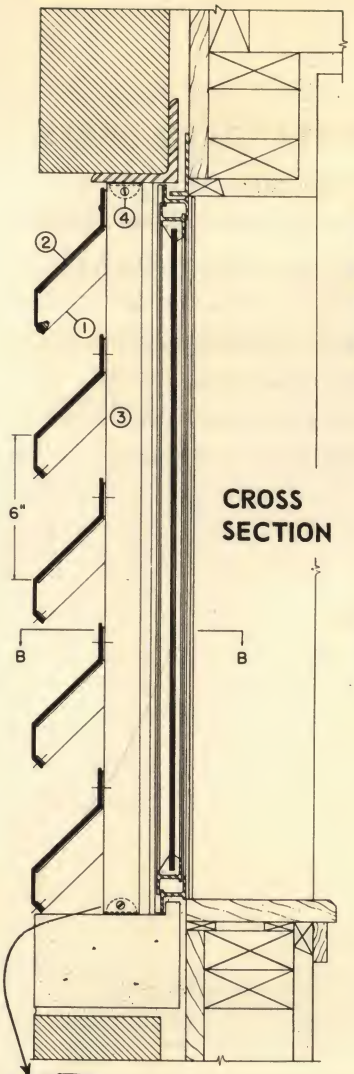


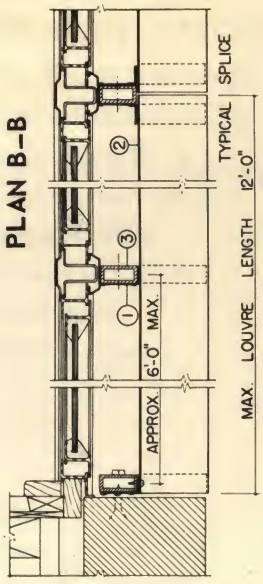
CROSS SECTION

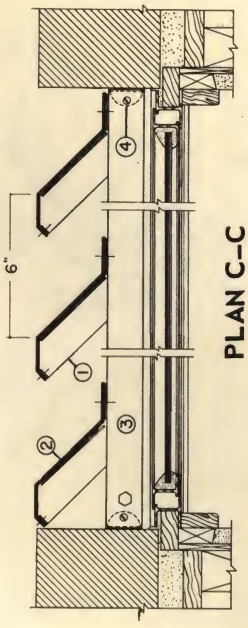
PLAN A–A

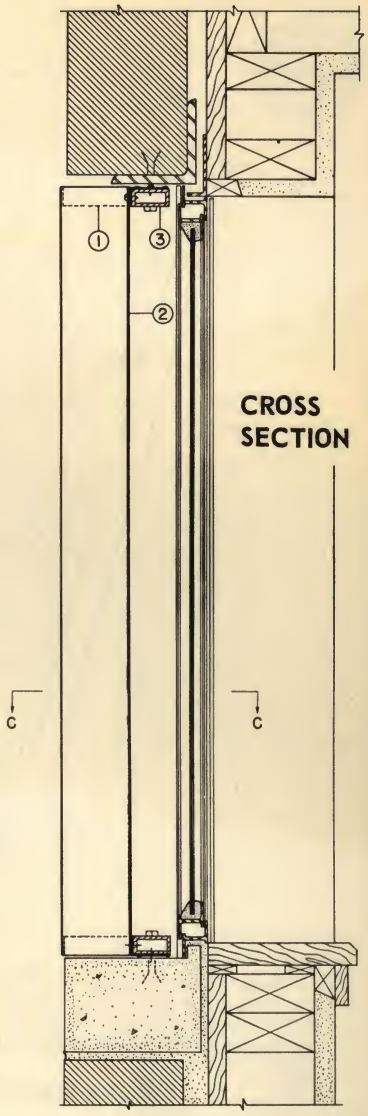


B VERTICAL AWNING: A simple effective use of louvers offering many design possibilities. Can be suspended from roof overhangs, canopies, balconies, etc. on new or existing buildings in any length or depth required.





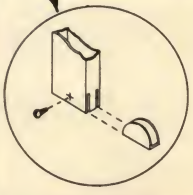




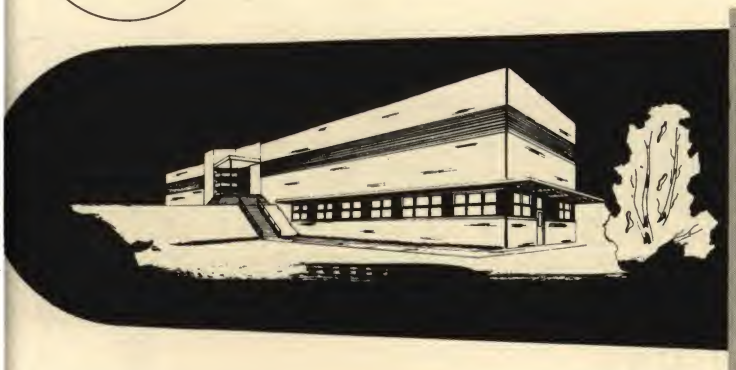
KEY TO NUMBERED DETAIL

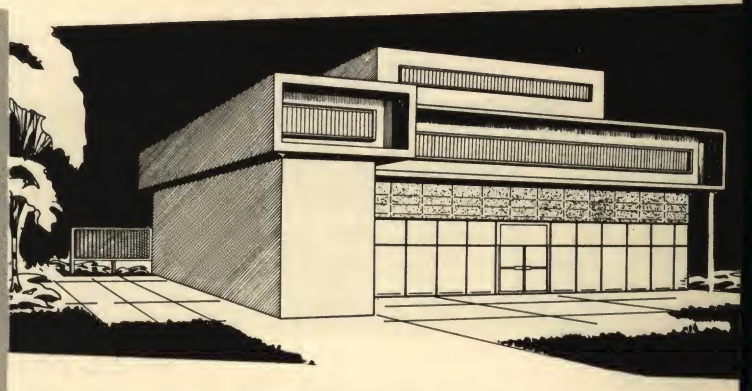
1. Bracket Member—Die formed .040" aluminum. Max. length 10'-0"
2. Louver—.040" aluminum. Maximum length 12'-0"
3. Framing Bar—Extruded aluminum ¾" x 1½" .080" wall.
4. Framing Bar Clip
5. Screw
6. Masonry Anchor
9. Bolt or Rivet
10. Metal Screw

SCALE 1½"—1'-0"



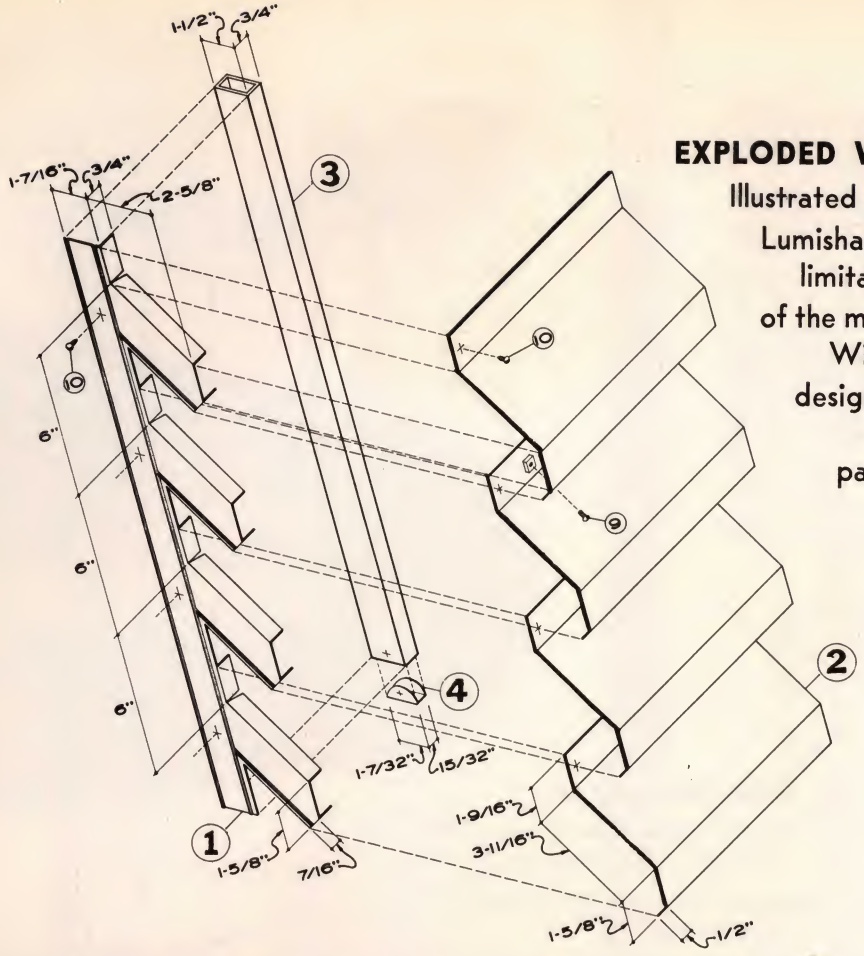
OR: FLUSH MOUNTED





C FLUSH MOUNTING — Horizontal: Louvers are installed within the overall window opening in a continuous run. May be fixed in the opening as detailed above or can be hinged to swing out in panels for access to windows (details on request.)

D FLUSH MOUNTING — Vertical: Louvers are installed in vertical position within window opening. On east or west elevations, louvers should be placed with openings to north. On south elevation sun will enter during morning or afternoon depending on which way louvers are placed.



EXPLODED VIEW OF STANDARD PARTS

Illustrated at left are the basic parts of the Lumishade Fixed Sun Louver system. Space limitations do not permit details of all of the many ways these parts may be used. With these parts, great freedom of design is possible while enjoying the economy of using mass produced parts available from one source.

GENERAL INFORMATION

Very Low Cost—The installed cost is only about $1.95 to $2.35 per square foot.

Availability—Marketed through the Glass and Store Front Trade plus selected specialty firms. This offers the advantage of local responsibility for sales, installation, and service.

Assistance—Information, suggestions, additional details, etc., promptly furnished on request.

wind table

ANTICIPATED MAX WIND LOAD sq. ft.	10 lbs	20 lbs	30 lbs	40 lbs
RECOMM. SPACING OF SUPPORT BAR	6'o.c.	6'o.c.	5'o.c.	3'o.c.

SPECIFICATIONS

Fixed Sun Louvers shall be as manufactured by Mapes Industries, Inc., Lincoln, Nebraska. Materials shall be as follows: Louvers and Bracket members: Die formed aluminum not less than .040″ thickness and having minimum yield strength of 35,000 P. S. I. caustic etched and alumilited. Structural Framing Bar shall be extruded aluminum tubing ¾″ x 1½″ x .080″ wall thickness. Ferrous fasteners shall be triple cadmium plated. Provision for expansion shall be provided at louver joints. Work shall be set straight and true.

mapes industries, inc. **340 SO. 12TH LINCOLN, NEBR.**

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